

(ii) *Exception.* Section 27.400(k)(2) does not require a State or local government agency to destroy information that the agency is required to preserve under State or local law.

§27.405 Review and preemption of State laws and regulations.

(a) As per current law, no law, regulation, or administrative action of a State or political subdivision thereof, or any decision or order rendered by a court under state law, shall have any effect if such law, regulation, or decision conflicts with, hinders, poses an obstacle to or frustrates the purposes of this regulation or of any approval, disapproval or order issued there under.

(1) Nothing in this part is intended to displace other federal requirements administered by the Environmental Protection Agency, U.S. Department of Justice, U.S. Department of Labor, U.S. Department of Transportation, or other federal agencies.

(2) [Reserved]

(b) State law, regulation or administrative action defined. For purposes of this section, the phrase “State law, regulation or administrative action” means any enacted law, promulgated regulation, ordinance, administrative action, order or decision, or common law standard of a State or any of its political subdivisions.

(c) *Submission for review.* Any chemical facility covered by these regulations and any State may petition the Department by submitting a copy of a State law, regulation, or administrative action, or decision or order of a court for review under this section.

(d) *Review and opinion*—(1) *Review.* The Department may review State laws, administrative actions, or opinions or orders of a court under State law and regulations submitted under this section, and may offer an opinion whether the application or enforcement of the State law or regulation would conflict with, hinder, pose an obstacle to or frustrate the purposes of this Part.

(2) *Opinion.* The Department may issue a written opinion on any question regarding preemption. If the question was submitted under subsection (c) of this part, the Assistant Secretary will notify the affected chemical facility and the Attorney General of the subject State of any opinion under this section.

(3) *Consultation with States.* In conducting a review under this section, the Department will seek the views of the State or local jurisdiction whose laws may be affected by the Department’s review.

§27.410 Third party actions.

(a) Nothing in this Part shall confer upon any person except the Secretary a right of action, in law or equity, for any remedy including, but not limited to, injunctions or damages to enforce any provision of this Part.

(b) An owner or operator of a chemical facility may petition the Assistant Secretary to provide the Department’s view in any litigation involving any issues or matters regarding this Part.

APPENDIX A TO PART 27—DHS
CHEMICALS OF INTEREST

Appendix A to Part 27. -- DHS Chemicals of Interest ¹

Chemicals of Interest (COI)	Synonym	Chemical Abstract Service (CAS) #	Release		Theft		Sabotage	Security Issue									
			Minimum Concentration (%)	Screening Threshold Quantities (in pounds)	Minimum Concentration (%)	Screening Threshold Quantities (in pounds unless otherwise noted)		Minimum Concentration (%)	Screening Threshold Quantities	Release – Toxic	Release – Flammables	Release – Explosives	Theft – CW/CWP	Theft – WME	Theft – EXP/IEDP	Sabotage/Contamination	
		75-07-0	1.00	10,000						X							
		75-86-5						ACG	APA							X	
		506-96-7							APA							X	
		75-36-5						ACG	APA							X	
		507-02-8						ACG	APA							X	
	[Ethyne]	74-86-2	1.00	10,000						X							
	[2-Propenal] or Acrylaldehyde	107-02-8	1.00	5,000							X						
	Acrylonitrile	107-13-1	1.00	10,000								X					
	[2-Propenoyl chloride]	814-68-6	1.00	10,000								X					
	[2-Propen-1-ol]	107-18-6	1.00	15,000								X					
	Allylamine	107-11-9	1.00	10,000									X				
	Allyltrichlorosilane, stabilized	107-37-9					ACG	ACG	APA							X	
	Aluminum (powder)	7429-90-5				ACG	100									X	
	Aluminum bromide, anhydrous	7727-15-3						ACG	APA								
	Aluminum chloride, anhydrous	7446-70-0						ACG	APA								
	Aluminum phosphide	20859-73-8						ACG	APA								
	Ammonia (anhydrous)	7664-41-7	1.00	10,000				ACG	APA			X					
	Ammonia (conc. 20% or greater)	7664-41-7	20.00	20,000						X							
	Ammonium nitrate, [with more than 0.2 percent combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance]	6484-52-2	ACG	5,000	ACG	400							X				X

Appendix A to Part 27. -- DHS Chemicals of Interest ¹

Chemicals of Interest (COI)	Synonym	Chemical Abstract Service (CAS) #	Release		Theft	Sabotage		Security Issue										
			Minimum Concentration (%)	Screening Threshold Quantities (in pounds)		Minimum Concentration (%)	Screening Threshold Quantities	Release – Toxic	Release – Flammables	Release – Explosives	Theft – CW/CWP	Theft – WME	Theft – EXP/IEDP	Sabotage/Contamination				
Chemicals of Interest (COI)	Ammonium nitrate, solid [nitrogen concentration of 23% nitrogen or greater]	6484-52-2			33.00	2000										X		
	Ammonium perchlorate	7790-98-9	ACG	5,000	ACG	400										X		
	Ammonium picrate	131-74-8	ACG	5,000	ACG	400										X		
	Amylchlorosilane	107-72-2						ACG	APA							X		
	Antimony pentafluoride	7783-70-2						ACG	APA							X		
	Arsenic trichloride	7784-34-1	1.00	15,000	30.00	2.2				X				X				
	Arsine	7784-42-1	1.00	1,000	0.67	15				X				X				
	Barium azide	18810-58-7	ACG	5,000	ACG	400					X					X		
	1,4-Bis(2-chloroethylthio)-n- butane	142868-93-7				CUM 100g												
	Bis(2-chloroethylthio)methane	63869-13-6				CUM 100g												
	Bis(2- chloroethylthiomethyl)ether	63918-90-1				CUM 100g								X				
	1,5-Bis(2-chloroethylthio)-n- pentane	142868-94-8				CUM 100g								X				
	1,3-Bis(2-chloroethylthio)-n- propane	63905-10-2				CUM 100g								X				
	Boron tribromide	10294-33-4				12.67	45											X
	Boron trichloride	10294-34-5	1.00	5,000	84.70	45			ACG	APA				X			X	
	Boron trifluoride	7637-07-2	1.00	5,000	26.87	45					X			X				
	Boron trifluoride compound with methyl ether (1:1)	353-42-4	1.00	15,000							X							
Bromine	7726-95-6	1.00	10,000							X								
Bromine chloride	13863-41-7			9.67	45										X			
Bromine pentafluoride	7789-30-2							ACG	APA							X		
Bromine trifluoride	7787-71-5				6.00	45		ACG	APA							X		
Bromotrifluoroethylene	[Ethene, bromotrifluoro-]	598-73-2	1.00	10,000				ACG	APA							X		

Appendix A to Part 27. -- DHS Chemicals of Interest ¹

Chemicals of Interest (COI)	Synonym	Chemical Abstract Service (CAS) #	Release				Theft		Sabotage		Security Issue					
			Minimum Concentration (%)	Screening Threshold Quantities (in pounds)	Minimum Concentration (%)	Screening Threshold Quantities (in pounds unless otherwise noted)	Minimum Concentration (%)	Screening Threshold Quantities	Release – Toxic	Release – Flammables	Release – Explosives	Theft – CW/CWP	Theft – WME	Theft – EXP/IEDP	Sabotage/Contamination	
1,3-Butadiene		106-99-0	1.00	10,000												
Butane		106-97-8	1.00	10,000												
Butene		25167-67-3	1.00	10,000												
1-Butene		106-98-9	1.00	10,000												
2-Butene		107-01-7	1.00	10,000												
2-Butene-cis		590-18-1	1.00	10,000												
2-Butene-trans		624-64-6	1.00	10,000												
Butyltrichlorosilane		7521-80-4														
Calcium hydrosulfide		15512-36-4														
Calcium phosphide		1305-99-3														
Carbon disulfide		75-15-0	1.00	20,000												
Carbon oxysulfide		463-58-1	1.00	10,000												
Carbonyl fluoride		353-50-4														
Carbonyl sulfide		463-58-1														
Chlorine		7782-50-5	1.00	2,500	9.77	500										
Chlorine dioxide		10049-04-4	1.00	1,000												
Chlorine monoxide		7791-21-1	1.00	10,000												
Chlorine pentafluoride		13637-63-3			4.07	15										
Chlorine trifluoride		7790-91-2			9.97	45										
Chloroacetyl chloride		79-04-9														
2-Chloroethylchloro- methylsulfide		2625-76-5				CUM 100g										
Chloroform		67-66-3	1.00	20,000												
Chloromethyl ether		542-88-1	1.00	1,000												
Chloromethyl methyl ether		107-30-2	1.00	5,000												
1-Chloropropylene		590-21-6	1.00	10,000												
2-Chloropropylene		557-98-2	1.00	10,000												

Appendix A to Part 27. -- DHS Chemicals of Interest¹

Chemicals of Interest (COI)	Synonym	Chemical Abstract Service (CAS) #	Release		Theft		Sabotage		Security Issue							
			Minimum Concentration (%)	Screening Threshold Quantities (in pounds)	Minimum Concentration (%)	Screening Threshold Quantities (in pounds unless otherwise noted)	Minimum Concentration (%)	Screening Threshold Quantities	Release – Toxic	Release – Flammables	Release – Explosives	Theft – CW/CWP	Theft – WME	Theft – EXP/IEDP	Sabotage/Contamination	
Chlorosarin	[o-Isopropyl methylphosphonochloridate]	1445-76-7				CUM 100g									X	
	[o-Pinacoyl methylphosphonochloridate]	7040-57-5				CUM 100g									X	
Chlorosulfonic acid		7790-94-5						ACG	APA							X
	Chromium oxychloride	14977-61-8						ACG	APA							X
Crotonaldehyde	[2-Butenal]	4170-30-3	1.00	10,000								X				
Crotonaldehyde, (E)-	[2-Butenal], (E)-	123-73-9	1.00	10,000								X				
Cyanogen	[Ethanedinitrile]	480-19-5	1.00	10,000	11.67	45						X			X	
Cyanogen chloride		506-77-4	1.00	10,000	2.67	15						X			X	
Cyclohexylamine	[Cyclohexanamine]	108-91-8	1.00	15,000								X				X
Cyclohexyltrichlorosilane		98-12-4						ACG	APA							X
Cyclopropane		75-19-4	1.00	10,000								X				
DF	Methyl phosphonyl difluoride	676-99-3				CUM 100g										
Diazodinitrophenol		87-31-0	ACG	5,000	ACG	400						X			X	
Diborane		19287-45-7	1.00	2,500	2.67	15						X			X	
Dichlorosilane	[Silane, dichloro-]	4109-96-0	1.00	10,000	10.47	45						X			X	
N,N-(2-diethylamino)ethanethiol		100-38-9			30.00	2.2									X	
Diethylchlorosilane		1719-53-5														X
o,o-Diethyl S-[2-(diethylamino)ethyl] phosphorothiolate		78-53-5			30.00	2.2		ACG	APA						X	
Diethyleneglycol dinitrate		693-21-0	ACG	5,000	ACG	400									X	
Diethyl methylphosphonite		15715-41-0			30.00	2.2									X	
N,N-Diethyl phosphoramidic dichloride		1498-54-0			30.00	2.2									X	
N,N-(2-diisopropylamino)ethanethiol	N,N-diisopropyl-(beta)-aminoethane thiol	5842-07-9			30.00	2.2									X	

Appendix A to Part 27. -- DHS Chemicals of Interest¹

Chemicals of Interest (COI)	Synonym	Chemical Abstract Service (CAS) #	Release			Theft			Sabotage			Security Issue					
			Minimum Concentration (%)	Screening Threshold Quantities (in pounds)	Minimum Concentration (%)	Screening Threshold Quantities (in pounds unless otherwise noted)	Minimum Concentration (%)	Screening Threshold Quantities	Release - Toxic	Release - Flammables	Release - Explosives	Theft - WME	Theft - CWP/CWP	Theft - WME	Theft - EXP/IEDP	Sabotage/Contamination	
Difluoroethane	[Ethane, 1,1-difluoro-]	75-37-6	1.00	10,000						X			X				
N,N-Diisopropyl phosphoramidic dichloride		23306-80-1			30.00	2.2											
1,1-Dimethylhydrazine	[Hydrazine, 1, 1-dimethyl-]	57-14-7	1.00	10,000						X							
Dimethylamine	[Methanamine, N-methyl-]	124-40-3	1.00	10,000						X							
N,N-(2-dimethylamino)ethanethiol		108-02-1			30.00	2.2							X				
Dimethyldichlorosilane	[Silane, dichlorodimethyl-]	75-78-5	1.00	10,000						X							
N,N-Dimethyl phosphoramidic dichloride	[Dimethylphosphoramidodichloride]	677-43-0			30.00	2.2		ACG APA					X				X
2,2-Dimethylpropane	[Propane, 2,2-dimethyl-]	483-82-1	1.00	10,000													
Dingu	[Dinitroglucuril]	55510-04-8	ACG	5,000	ACG	400				X					X		
Dinitrogen tetroxide		10544-72-6	3.80	15													
Dinitrophenol		25550-58-7	ACG	5,000	ACG	400									X		
Dinitroresorcinol		519-44-8	ACG	5,000	ACG	400									X		
Diphenyldichlorosilane		80-10-4			ACG	400		ACG APA									X
Dipicryl sulfide		2217-06-3	ACG	5,000	ACG	400									X		
Dipicrylamine [or] Hexyl	[Hexanitrodiphenylamine]	131-73-7	ACG	5,000	ACG	400									X		
N,N-(2-dipropylamino)ethanethiol		5842-06-8			30.00	2.2											
N,N-Dipropyl phosphoramidic dichloride		40881-98-9			30.00	2.2									X		
Dodecyltrichlorosilane		4484-72-4						ACG APA									X
Epichlorohydrin	[Oxirane, (chloromethyl)-]	106-89-8	1.00	20,000													
Ethane		74-84-0	1.00	10,000						X							
Ethyl acetate	[1-Butyne]	107-00-6	1.00	10,000													
Ethyl chloride	[Ethane, chloro-]	75-00-3	1.00	10,000											X		
Ethyl ether	[Ethane, 1,1-oxybis-]	60-29-7	1.00	10,000											X		
Ethyl mercaptan	[Ethanethiol]	75-08-1	1.00	10,000											X		

Appendix A to Part 27. -- DHS Chemicals of Interest¹

Chemicals of Interest (COI)	Synonym	Chemical Abstract Service (CAS) #	Release			Theft			Sabotage			Security Issue					
			Minimum Concentration (%)	Screening Threshold Quantities (in pounds)	Minimum Concentration (%)	Screening Threshold Quantities (in pounds unless otherwise noted)	Minimum Concentration (%)	Screening Threshold Quantities	Release – Toxic	Release – Flammables	Release – Explosives	Theft – CW/CWP	Theft – WME	Theft – EXP/IEDP	Sabotage/Contamination		
Ethyl nitrite	[Nitrous acid, ethyl ester]	109-95-5	1.00	10,000							X						
Ethyl phosphonyl difluoride		753-98-0				CUM 100g						X					
Ethylamine	[Ethanamine]	75-04-7	1.00	10,000							X						
Ethyldiethanolamine		139-87-7				80.00	220					X					
Ethylene	[Ethene]	74-85-1	1.00	10,000							X						
Ethylene oxide	[Oxirane]	75-21-8	1.00	10,000							X						
Ethylenediamine	[1,2-Ethanediamine]	107-15-3	1.00	20,000					X								
Ethylenimine	[Aziridine]	151-56-4	1.00	10,000							X						
Ethylphosphorothioic dichloride		983-43-1				30.00	2.2					X					
Ethyltrichlorosilane		115-21-9							ACG	APA							X
Fluorine		7782-41-4	1.00	1,000	6.17	15					X		X				
Fluorosulfonic acid		7789-21-1							ACG	APA							X
Formaldehyde (solution)		50-00-0	1.00	15,000							X						
Furan		110-00-9	1.00	10,000							X						
Germane		7782-65-2				20.73	45						X				
Germanium tetrafluoride		7783-58-6				2.11	15						X				
Guanyl nitrosaminoquanylidene hydrazine			ACG	5,000	ACG	400					X			X			
Hexaethyl tetraphosphate and compressed gas mixtures		757-58-4				33.37	500						X				
Hexafluoroacetone		684-16-2				15.67	45										
Hexanitrostilbene		20062-22-0	ACG	5,000	ACG	400					X			X			
Hexolite	[Hexoto]	121-82-4	ACG	5,000	ACG	400					X			X			
Hexyltrichlorosilane		928-65-4							ACG	APA							
HMX	[Cyclotetramethylene-tetranitramine]	2691-41-0	ACG	5,000	ACG	400					X			X			

Appendix A to Part 27. -- DHS Chemicals of Interest¹

Appendix A to Part 101: The Chemicals of Interest																
Chemicals of Interest (COI)	Synonym	Chemical Abstract Service (CAS) #	Release		Theft		Sabotage		Security Issue							
			Minimum Concentration (%)	Screening Threshold Quantities (in pounds)	Minimum Concentration (%)	Screening Threshold Quantities (in pounds unless otherwise noted)	Minimum Concentration (%)	Screening Threshold Quantities	Release – Toxic	Release – Flammables	Release – Explosives	Theft – CW/CWP	Theft – WME	Theft – EXP/IEDP	Sabotage/Contamination	
HN1 (nitrogen mustard-1)	[Bis(2-chloroethyl)ethylamine]	538-07-8				CUM 100g										
HN2 (nitrogen mustard-2)	[Bis(2-chloroethyl)methylamine]	51-75-2				CUM 100g										
HN3 (nitrogen mustard-3)	[Tris(2-chloroethyl)amine]	555-77-1				CUM 100g										
Hydrazine		302-01-2	1.00	10,000												
Hydrochloric acid (conc. 37% or greater)		7647-01-0	37.00	15,000												
Hydrocyanic acid		74-90-8	1.00	2,500												
Hydrofluoric acid (conc. 50% or greater)		7664-39-3	50.00	1,000												
Hydrogen		1333-74-0	1.00	10,000												
Hydrogen bromide (anhydrous)		10035-10-6				95.33	500								X	
Hydrogen chloride (anhydrous)		7647-01-0	1.00	5,000		ACG	500								X	
Hydrogen cyanide	[Hydrocyanic acid]	74-90-8				4.67	15								X	
Hydrogen fluoride (anhydrous)		7664-39-3	1.00	1,000		42.53	45								X	
Hydrogen iodide, anhydrous		10034-85-2				95.33	500								X	
Hydrogen peroxide (concentration of at least 35%)		7722-84-1				35.00	400									X
Hydrogen selenide		7783-07-5	1.00	10,000		0.07	15									
Hydrogen sulfide		7783-06-4	1.00	10,000		23.73	45									
Iodine pentafluoride		7783-66-6														
Iron, pentacarbonyl-	[Iron carbonyl (Fe (CO) ₅), (TB5- 11)-]	13463-40-6	1.00	10,000												
Isobutane	[Propane, 2-methyl]	75-28-5	1.00	10,000												
Isobutyronitrile	[Propanenitrile, 2-methyl-]	78-82-0	1.00	20,000												
Isopentane	[Butane, 2-methyl-]	78-78-4	1.00	10,000												
Isoprene	[1,3-Butadiene, 2-methyl-]	78-79-5	1.00	10,000												

Appendix A to Part 27. -- DHS Chemicals of Interest¹

Appendix A to 19 CFR 122.161 - DND Chemicals of Interest																
Chemicals of Interest (COI)	Synonym	Chemical Abstract Service (CAS) #	Release		Theft		Sabotage		Security Issue							
			Minimum Concentration (%)	Screening Threshold Quantities (in pounds)	Minimum Concentration (%)	Screening Threshold Quantities (in pounds unless otherwise noted)	Minimum Concentration (%)	Screening Threshold Quantities	Release - Toxic	Release - Flammables	Release - Explosives	Theft - CW/CWP	Theft - WME	Theft - EXP/IEDP	Sabotage/Contamination	
Isopropyl chloride	[Propane, 2-chloro-]	75-29-6	1.00	10,000						X						
Isopropyl chloroformate	[Carbonochloridic acid, 1-methylethyl ester]	108-23-6	1.00	15,000												
Isopropylamine	[2-Propanamine]	75-31-0	1.00	10,000												
Isopropylphosphonothioic dichloride		1498-60-8			30.00	2.2										
Isopropylphosphonyl difluoride		677-42-9				CUM 100g						X				
Lead azide		13424-46-9	ACG	5,000	ACG	400										
Lead styphnate	[Lead trinitroresorcinate]	15245-44-0	ACG	5,000	ACG	400						X			X	
Lewisite 1	[2-Chlorovinylchloroarsine]	541-25-3				CUM 100g							X			
Lewisite 2	[Bis(2-chlorovinyl)chloroarsine]	40334-69-8				CUM 100g							X			
Lewisite 3	[Tris(2-chlorovinyl)arsine]	40334-70-1				CUM 100g							X			
Lithium amide		7782-89-0						ACG	APA						X	
Lithium nitride		26134-62-3						ACG	APA						X	
Magnesium (powder)		7439-95-4			ACG	100									X	
Magnesium diamide		7803-54-5						ACG	APA						X	
Magnesium phosphide		12057-74-8						ACG	APA						X	
MDEA	[Methyldiethanolamine]	105-59-9			80.00	220							X			
Mercury fulminate		628-86-4	ACG	5,000	ACG	400							X		X	
Methacrylonitrile	[2-Propenenitrile, 2-methyl-]	126-98-7	1.00	10,000						X						
Methane		74-82-8	1.00	10,000												
2-Methyl-1-butene		563-46-2	1.00	10,000												
3-Methyl-1-butene		563-45-1	1.00	10,000												
Methyl chloride	[Methane, chloro-]	74-87-3	1.00	10,000												
Methyl chloroformate	[Carbonochloridic acid, methyl ester]	79-22-1	1.00	10,000											X	
Methyl ether	[Methane, oxybis-]	115-10-6	1.00	10,000												
Methyl formate	[Formic acid Methyl ester]	107-31-3	1.00	10,000											X	

Appendix A to Part 27. -- DHS Chemicals of Interest¹

Chemicals of Interest (COI)	Synonym	Chemical Abstract Service (CAS) #	Release			Theft		Sabotage		Security Issue					
			Minimum Concentration (%)	Screening Threshold Quantities (in pounds)	Minimum Concentration (%)	Screening Threshold Quantities (in pounds unless otherwise noted)	Minimum Concentration (%)	Screening Threshold Quantities	Release - Toxic	Release - Flammables	Release - Explosives	Theft - CW/CWP	Theft - WME	Theft - EXP/EDP	Sabotage/Contamination
Methyl hydrazine	[Hydrazine, methyl-]	60-34-4	1.00	15,000					X						
Methyl isocyanate	[Methane, isocyanato-]	624-83-9	1.00	10,000					X						
Methyl mercaptan	[Methanethiol]	74-93-1	1.00	10,000	45.00	500				X			X		
Methyl thiocyanate	[Thiocyanic acid, methyl ester]	556-84-9	1.00	20,000					X						
Methylamine	[Methanamine]	74-89-5	1.00	10,000						X					
Methylchlorosilane		983-00-0			20.00	45							X		
Methyldichlorosilane		75-54-7					ACG	APA							X
Methylphenyldichlorosilane		149-74-6					ACG	APA							X
Methylphosphonothioic dichloride		676-98-2			30.00	2.2					X				
2-Methylpropene	[1-Propene, 2-methyl-]	115-11-7	1.00	10,000						X					
Methyltrichlorosilane	[Silane, trichloromethyl-]	75-79-6	1.00	10,000			ACG	APA		X					X
Sulfur mustard (Mustard gas (H))	[Bis(2-chloroethyl)sulfide]	505-60-2			CUM	100g						X			
O-Mustard (T)	[Bis(2-chloroethylthioethyl)ether]	63918-89-8			CUM	100g						X			
Nickel Carbonyl		13463-39-3	1.00	10,000						X					
Nitric acid		7697-37-2	80.00	15,000	88.00	400			X				X		
Nitric oxide		10102-43-9	1.00	10,000	3.83	15			X				X		
Nitrobenzene	[Nitrogen oxide (NO)]	98-95-3			ACG	100							X		
5-Nitrobenzothiazol		2338-12-7	ACG	5,000	ACG	400					X		X		
Nitrocellulose		9004-70-0	ACG	5,000	ACG	400					X		X		
Nitrogen mustard hydrochloride	[Bis(2-chloroethyl)methylamine hydrochloride]	55-98-7			30.00	2.2						X			
Nitrogen trioxide		10544-73-7			3.83	15							X		
Nitroglycerine		55-63-0	ACG	5,000	ACG	400					X			X	
Nitromannite	[Mannitol hexanitrate, wetted]	15825-70-4	ACG	5,000	ACG	400					X			X	
Nitromethane		75-52-5			ACG	400								X	
Nitrostarch		9056-38-6	ACG	5,000	ACG	400							X		
Nitrosyl chloride		2696-92-6			1.17	15								X	

Appendix A to Part 27. -- DHS Chemicals of Interest¹

Chemicals of Interest (COI)	Synonym	Chemical Abstract Service (CAS) #	Release			Theft			Sabotage		Security Issue					
			Minimum Concentration (%)	Screening Threshold Quantities (in pounds)	Minimum Concentration (%)	Screening Threshold Quantities (in pounds unless otherwise noted)	Minimum Concentration (%)	Screening Threshold Quantities	Release – Toxic	Release – Flammables	Release – Explosives	Theft – CW/CWP	Theft – WME	Theft – EXP/IEDP	Sabotage/Contamination	
Nitrotriazolone		932-64-9	ACG	5,000	ACG	400					X			X		
Nonyltrichlorosilane		5283-67-0						ACG APA							X	
Octadecyltrichlorosilane		112-04-9						ACG APA							X	
Octolite		57607-37-1	ACG	5,000	ACG	400					X			X		
Octonal		78413-87-3	ACG	5,000	ACG	400					X			X		
Octyltrichlorosilane		5283-66-9						ACG APA							X	
Oleum (Fuming Sulfuric acid)	[Sulfuric acid, mixture with sulfur trioxide]	8014-95-7	1.00	10,000					X							
Oxygen difluoride		7783-41-7			0.09	15							X			
1,3-Pentadiene		504-60-9	1.00	10,000						X						
Pentane		109-66-0	1.00	10,000						X						
1- Pentene		109-67-1	1.00	10,000						X						
2-Pentene, (E)-		646-04-8	1.00	10,000						X						
2-Pentene, (Z)-		627-20-3	1.00	10,000						X						
Pentolite		8066-33-9	ACG	5,000	ACG	400					X			X		
Peracetic acid	[Ethaneperoxy acid]	79-21-0	1.00	10,000						X						
Perchloromethylmercaptan	[Methanesulfonyl chloride, trichloro-]	594-42-3	1.00	10,000					X							
Perchloryl fluoride		7616-94-6			25.67	45							X			
PETN	[Pentaerythritol tetranitrate]	78-11-5	ACG	5,000	ACG	400					X			X		
Phenyltrichlorosilane		98-13-5						ACG APA								
Phosgene	[Carbonic dichloride] or [carbonyl dichloride]	75-44-5	1.00	500	0.17	15			X				X			
Phosphine		7803-51-2	1.00	10,000	0.67	15				X						
Phosphorus		7723-14-0			ACG	400								X		
Phosphorus oxychloride	[Phosphoryl chloride]	10025-87-3	1.00	5,000	80.00	220		ACG APA	X						X	
Phosphorus pentabromide		7789-69-7						ACG APA							X	
Phosphorus pentachloride		10026-13-8						ACG APA							X	
Phosphorus pentasulfide		1314-80-3						ACG APA							X	

Appendix A to Part 27. -- DHS Chemicals of Interest ¹

Chemicals of Interest (COI)	Synonym	Chemical Abstract Service (CAS) #	Release			Theft		Sabotage		Security Issue					
			Minimum Concentration (%)	Screening Threshold Quantities (in pounds)	Minimum Concentration (%)	Screening Threshold Quantities (in pounds unless otherwise noted)	Minimum Concentration (%)	Screening Threshold Quantities	Release - Toxic	Release - Flammables	Release - Explosives	Theft - WME	Theft - EXP/IEDP	Sabotage/Contamination	
Phosphorus trichloride		7719-12-2	1.00	15,000	3.48	45	ACG	APA	X			X		X	
Picrite	[Nitroguanidine]	588-88-7	ACG	5,000	ACG	400				X		X			
Piperidine		110-89-4	1.00	10,000						X					
Potassium chlorate		3811-04-9			ACG	400							X		
Potassium cyanide		151-50-8												X	
Potassium nitrate		7757-79-1			ACG	400		ACG	APA						
Potassium perchlorate		7778-74-7			ACG	400							X		
Potassium permanganate		7722-64-7			ACG	400							X		
Potassium phosphide		20770-41-6						ACG	APA				X		
Propadiene	[1,2-Propadiene]	463-49-0	1.00	10,000						X					
Propane		74-98-6	1.00	60,000						X					
Propionitrile	[Propanenitrile]	107-12-0	1.00	10,000					X						
Propyl chloroformate	[Carbonylchloric acid, propylester]	109-61-5	1.00	10,000						X					
Propylene	[1-Propene]	115-07-1	1.00	10,000						X					
Propylene oxide	[Oxirane, methyl-]	75-56-9	1.00	10,000						X					
Propyleneimine	[Aziridine, 2-methyl-]	75-55-8	1.00	10,000					X						
Propylphosphorothioic dichloride		2524-01-8			30.00	2.2					X				
Propylphosphonyl difluoride		690-14-2													
Propyltrichlorosilane		141-57-1									X				
Propyne	[1-Propyne]	74-99-7	1.00	10,000				ACG	APA	X					
QL	[o-Ethyl-o-2-diisopropylaminoethyl methylphosphonite]	57856-11-8									X				
RDX	[Cyclotrimethylenetrinitramine]	121-82-4	ACG	5,000	ACG	400					X		X		
RDX and HMX mixtures		121-82-4	ACG	5,000	ACG	400					X		X		
Sarin	[o-Isopropyl methylphosphonofluoridate]	107-44-8										X			
Selenium hexafluoride		7783-79-1			1.67	15								X	

Appendix A to Part 27. -- DHS Chemicals of Interest¹

Chemicals of Interest (COI)	Synonym	Chemical Abstract Service (CAS) #	Release		Theft		Sabotage	Security Issue									
			Minimum Concentration (%)	Screening Threshold Quantities (in pounds)	Minimum Concentration (%)	Screening Threshold Quantities (in pounds unless otherwise noted)		Minimum Concentration (%)	Screening Threshold Quantities	Release – Toxic	Release – Flammables	Release – Explosives	Theft – CW/CWP	Theft – WME	Theft – EXP/IEDP	Sabotage/Contamination	
Sesquimustard	[1,2-Bis(2-chloroethylthio)ethane]	3563-36-8				CUM 100g											
Silane		7803-62-5	1.00	10,000									X				
Silicon tetrachloride		10026-04-7															
Silicon tetrafluoride		7783-61-1			15.00	45		ACG	APA						X		X
Sodium azide		26628-22-8			ACG	400										X	
Sodium chlorate		7775-09-9			ACG	400										X	
Sodium cyanide		143-33-9						ACG	APA							X	
Sodium hydrosulfite	[Sodium dithionite]	7775-14-6						ACG	APA							X	
Sodium nitrate		7631-99-4			ACG	400										X	
Sodium phosphide		12058-85-4						ACG	APA							X	
Soman	[o-Pinacetyl methylphosphonofluoridate]	96-64-0				CUM 100g							X				
Stibine		7803-52-3			0.67	15											
Strontium phosphide		12504-16-4						ACG	APA						X		
Sulfur dioxide (anhydrous)		7446-09-5	1.00	5,000	84.00	500				X					X		
Sulfur tetrafluoride	[Sulfur fluoride (SF ₄), (T-4)]	7783-60-0	1.00	2,500	1.33	15				X					X		
Sulfur trioxide		7446-11-9	1.00	10,000						X							
Sulfuryl chloride		7791-25-5						ACG	APA								X
Tabun	[o-Ethyl-N,N- dimethylphosphoramido-cyanidate]	77-81-6				CUM 100g									X		
Tellurium hexafluoride		7783-80-4															
Tetrafluoroethylene	[Ethene, tetrafluoro-]	116-14-3	1.00	10,000		0.83	15								X		
Tetramethyllead	[Plumbane, tetramethyl-]	75-74-1	1.00	10,000								X					
Tetramethylsilane	[Silane, tetramethyl-]	75-76-3	1.00	10,000									X				
Tetranitroaniline		53014-37-2	ACG	5,000	ACG	400										X	
Tetranitromethane	[Methane, tetranitro-]	509-14-8	1.00	10,000									X				
Tetrazene	[Guanyl nitrosaminoquanyl/tetrazene]	109-27-3	ACG	5,000	ACG	400								X		X	

Appendix A to Part 27. -- DHS Chemicals of Interest¹

Chemicals of Interest (COI)	Synonym	Chemical Abstract Service (CAS) #	Release		Theft		Sabotage		Security Issue							
			Minimum Concentration (%)	Screening Threshold Quantities (in pounds)	Minimum Concentration (%)	Screening Threshold Quantities (in pounds unless otherwise noted)	Minimum Concentration (%)	Screening Threshold Quantities	Release – Toxic	Release – Flammables	Release – Explosives	Theft – CW/CWP	Theft – WME	Sabotage/Contamination		
1H-Tetrazole		288-94-8	ACG	5,000	ACG	400										
Thiodiglycol	[Bis(2-hydroxyethyl)sulfide]	111-48-8			30.00	2.2										
Thionyl chloride		7719-09-7					ACG	APA								
Titanium tetrachloride	[Titanium chloride (TiCl4) (T-4)]	7550-45-0	1.00	2,500	13.33	45	ACG	APA	X							
TNT	[Trinitrotoluene]	118-96-7	ACG	5,000	ACG	400										
Torpex	[Hexotonal]	67713-16-0	ACG	5,000	ACG	400										
Trichlorosilane	[Silane, trichloro-]	10025-78-2	1.00	10,000			ACG	APA		X						
Triethanolamine		102-71-6			80.00	220										
Triethanolamine hydrochloride		637-39-8			80.00	220										
Triethyl phosphite		122-52-1			80.00	220										
Trifluoroacetyl chloride		354-32-5			6.93	45										
Trifluorochloroethylene	[Etherne, chlorotrifluoro]	79-38-9	1.00	10,000	66.67	500										
Trimethylamine	[Methanamine, N,N-dimethyl-]	75-50-3	1.00	10,000												
Trimethylchlorosilane	[Silane, chlorotrimethyl-]	75-77-4	1.00	10,000												
Trimethyl phosphite		121-45-9			80.00	220		ACG	APA	X						
Trinitroaniline		26952-42-1	ACG	5,000	ACG	400										
Trinitroanisole		606-35-9	ACG	5,000	ACG	400										
Trinitrobenzene		99-35-4	ACG	5,000	ACG	400										
Trinitrobenzenesulfonic acid		2508-19-2	ACG	5,000	ACG	400										
Trinitrobenzoic acid		129-66-8	ACG	5,000	ACG	400										
Trinitrochlorobenzene		88-88-0	ACG	5,000	ACG	400										
Trinitrofluorenone		129-79-3	ACG	5,000	ACG	400										
Trinitro-meta-cresol		602-99-3	ACG	5,000	ACG	400										
Trinitronaphthalene		55810-17-8	ACG	5,000	ACG	400										
Trinitrophenetole		4732-14-3	ACG	5,000	ACG	400										
Trinitrophenol		88-89-1	ACG	5,000	ACG	400										
Trinitroresorcinol		82-71-3	ACG	5,000	ACG	400										
Trifonal		54413-15-9	ACG	5,000	ACG	400										
Tungsten hexafluoride		7783-82-6			7.10	45										

Appendix A to Part 27. -- DHS Chemicals of Interest¹

Chemicals of Interest (COI)	Synonym	Chemical Abstract Service (CAS) #	Release			Theft		Sabotage		Security Issue					
			Minimum Concentration (%)	Screening Threshold Quantities (in pounds)	Minimum Concentration (%)	Screening Threshold Quantities (in pounds unless otherwise noted)	Minimum Concentration (%)	Screening Threshold Quantities	Release - Toxic	Release - Flammables	Release - Explosives	Theft - CW/CWP	Theft - WME	Theft - EXP/IEDP	Sabotage/Contamination
Vinyl acetate monomer	[Acetic acid ethenyl ester]	108-05-4	1.00	10,000					X						
Vinyl acetylene	[1-Buten-3-yne]	689-97-4	1.00	10,000					X						
Vinyl chloride	[Ethene, chloro-]	75-01-4	1.00	10,000					X						
Vinyl ethyl ether	[Ethene, ethoxy-]	109-92-2	1.00	10,000					X						
Vinyl fluoride	[Ethene, fluoro-]	75-02-5	1.00	10,000					X						
Vinyl methyl ether	[Ethene, methoxy-]	107-25-5	1.00	10,000					X						
Vinylidene chloride	[Ethene, 1,1-dichloro-]	75-35-4	1.00	10,000					X						
Vinylidene fluoride	[Ethene, 1,1-difluoro-]	75-38-7	1.00	10,000					X						
Vinyltrichlorosilane		75-94-5						ACG	APA					X	
VX	[o-Ethyl-S-2-diisopropylaminoethyl methyl phosphonothiolate]	50782-69-9			CUM	100g						X			
Zinc hydrosulfite	[Zinc dithionite]	7779-86-4						ACG	APA						X

¹ The acronyms used in this appendix have the following meaning: ACG = A Commercial Grade; APA = A Placarded Amount; CW/CWP = Chemical Weapons/Chemical Weapons Precursors; WME = Weapons of Mass Effect; EXP/IEDP = Explosives/Improvised Explosive Device Precursors

[72 FR 65420, Nov. 20, 2007]

PART 29—PROTECTED CRITICAL INFRASTRUCTURE INFORMATION

Sec.

- 29.1 Purpose and scope.
- 29.2 Definitions.
- 29.3 Effect of provisions.
- 29.4 Protected Critical Infrastructure Information Program administration.
- 29.5 Requirements for protection.
- 29.6 Acknowledgment of receipt, validation, and marking.
- 29.7 Safeguarding of Protected Critical Infrastructure Information.
- 29.8 Disclosure of Protected Critical Infrastructure Information.
- 29.9 Investigation and reporting of violation of PCII procedures.

AUTHORITY: Pub. L. 107–296, 116 Stat. 2135 (6 U.S.C. 1 *et seq.*); 5 U.S.C. 301.

SOURCE: 71 FR 52271, Sept. 1, 2006, unless otherwise noted.

§ 29.1 Purpose and scope.

(a) *Purpose of this Part.* This Part implements sections 211 through 215 of the Homeland Security Act of 2002 (HSA) through the establishment of uniform procedures for the receipt, care, and storage of Critical Infrastructure Information (CII) voluntarily submitted to the Department of Homeland Security (DHS). Title II, Subtitle B, of the Homeland Security Act is referred to herein as the Critical Infrastructure Information Act of 2002 (CII Act). Consistent with the statutory mission of DHS to prevent terrorist attacks within the United States and reduce the vulnerability of the United States to terrorism, DHS will encourage the voluntary submission of CII by safeguarding and protecting that information from unauthorized disclosure and by ensuring that such information is, as necessary, securely shared with State and local government pursuant to section 214(a) through (g) of the CII Act. As required by the CII Act, these rules establish procedures regarding:

- (1) The acknowledgement of receipt by DHS of voluntarily submitted CII;
- (2) The receipt, validation, handling, storage, proper marking and use of information as PCII;
- (3) The safeguarding and maintenance of the confidentiality of such information, appropriate sharing of such

information with State and local governments pursuant to section 214(a) through (g) of the HSA.

(4) The issuance of advisories, notices and warnings related to the protection of critical infrastructure or protected systems in such a manner as to protect from unauthorized disclosure the source of critical infrastructure information that forms the basis of the warning, and any information that is proprietary or business sensitive, might be used to identify the submitting person or entity, or is otherwise not appropriately in the public domain.

(b) *Scope.* The regulations in this Part apply to all persons and entities that are authorized to handle, use, or store PCII or that otherwise accept receipt of PCII.

§ 29.2 Definitions.

For purposes of this part:

(a) *Critical Infrastructure* has the meaning stated in section 2 of the Homeland Security Act of 2002 (referencing the term used in section 1016(e) of Public Law 107–56 (42 U.S.C. 5195c(e)).

(b) *Critical Infrastructure Information*, or *CII*, has the same meaning as established in section 212 of the CII Act of 2002 and means information not customarily in the public domain and related to the security of critical infrastructure or protected systems, including documents, records or other information concerning:

(1) Actual, potential, or threatened interference with, attack on, compromise of, or incapacitation of critical infrastructure or protected systems by either physical or computer-based attack or other similar conduct (including the misuse of or unauthorized access to all types of communications and data transmission systems) that violates Federal, State, local, or tribal law, harms interstate commerce of the United States, or threatens public health or safety;

(2) The ability of any critical infrastructure or protected system to resist such interference, compromise, or incapacitation, including any planned or